

IN THE CLAIMS:

Please amend claims 37, 39, 41, 42, 46-48, 55, 56 and 60-63 as follows.

Please add new claims 76-81 as follows.

1.-30. (Cancelled)

31. (Previously Presented) An apparatus, comprising:

a data store configured to store a cell identity information for a cell of a first telecommunication network using a cell identity information structure of a second telecommunication network; and

an identifier configured to identify the cell of the first telecommunication network as a neighboring cell by the second telecommunication network using the cell identity information stored in the data store,

wherein the first telecommunications network is a different network from the second telecommunications network.

32. (Previously Presented) The apparatus as claimed in claim 31, wherein the apparatus is a network element.

33. (Previously Presented) The apparatus as claimed in claim 31, wherein the data store is a database.

34. (Cancelled)

35. (Previously Presented) The apparatus as claimed in claim 31, wherein the second telecommunication network is a global system for mobile communications network.

36. (Previously Presented) An apparatus, comprising:

a data store configured to store a cell identity information for a cell of a first telecommunication network using a cell identity information structure of a second telecommunication network; and

an identifier configured to identify the cell of the first telecommunication network as a neighboring cell by the second telecommunication network using the cell identity information stored in the data store,

wherein the cell identity information of the second telecommunication network comprises at least one of frequency, base station identification, or location area, and the first telecommunications network is a different network from the second telecommunications network.

37. (Currently Amended) The apparatus as claimed in claim 31, wherein the apparatus further comprises radio transceivers ~~for transmitting~~ configured to transmit the cell information.

38. (Previously Presented) The apparatus as claimed in claim 31, wherein the apparatus further comprises a handover algorithm which provides seamless mobility between the first telecommunication network and second telecommunication network.

39. (Currently Amended) The apparatus as claimed in claim 36, wherein the apparatus further comprises a ~~receiving unit~~ receiver configured to receive information regarding a signal level of a serving cell and a neighbor cell.

40. (Previously Presented) The apparatus as claimed in claim 38, wherein the seamless mobility is provided when a mobile station is either in Idle mode or Active mode.

41. (Currently Amended) The apparatus as claimed in claim 32, wherein the apparatus is an access point.

42. (Currently Amended) An apparatus, comprising:
a receiver configured to receive cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of cells from both the first telecommunications network and second telecommunication networks use the structure of the second telecommunication network;
a determiner configured to determine the need to change serving cells, and to initialize the process of changing a serving cell to another cell; and

a handover module configured to provide seamless mobility between the first telecommunications network and the second telecommunication network,

wherein the first telecommunications network is a different network from the second telecommunications network.

43. (Previously Presented) The apparatus as claimed in claim 42, wherein the receiver is further configured to receive signal strength information of the cells, and the determiner is further configured to determine the need to change serving cells on the basis of the signal strength information.

44. (Cancelled)

45. (Previously Presented) The apparatus as claimed in claim 42, wherein the second telecommunication network is a global system for mobile communications network.

46. (Currently Amended) An apparatus, comprising:
a receiver configured to receive cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of cells from both the first telecommunications network and second telecommunication networks use the structure of the second telecommunication network;
a determiner configured to determine the need to change serving cells;

an initializer configured to initialize the process of changing a serving cell to another cell; and

a handover module configured to provide seamless mobility between the first telecommunications network and the second telecommunication network,

wherein the first telecommunications network is a different network from the second telecommunications network, and

wherein the cell identity information of the second telecommunication network comprises at least one of frequency, base station identification, or location area.

47. (Currently Amended) The apparatus as claimed in claim 42, wherein the handover module ~~has been~~ is implemented in an apparatus in the first telecommunication network or the second telecommunication network.

48. (Currently Amended) The apparatus as claimed in claim 42, wherein the handover module ~~has been~~ is implemented in a mobile station.

49. (Previously Presented) A method, comprising:
transmitting a cell identity information to a mobile station, the cell identity information being stored in a first telecommunication network using a cell identity structure of a second telecommunication network; and
providing seamless mobility between the first telecommunication network and the second telecommunication network,

wherein the first telecommunications network is a different network from the second telecommunications network.

50. (Previously Presented) The method as claimed in claim 49, wherein the cell information is stored in a neighbor list of neighboring cells of the second telecommunication network.

51. (Previously Presented) The method as claimed in claim 49, wherein the transmitting is done in a cell of the second telecommunication network.

52. (Previously Presented) The method as claimed in claim 51, wherein cell identity information of the cell of the first telecommunication network includes neighbor information given by the cell of the second telecommunication network.

53. (Previously Presented) The method as claimed in claim 49, further comprising:

receiving, by the mobile station, the cell identity information;

measuring, by the mobile station, an rx-level of cells; and

transmitting, by the mobile station, the measurement results to at least one of the first telecommunication network and the second telecommunications network.

54. (Previously Presented) The method as claimed in claim 49, further comprising:

modifying, by the mobile station, the transmitted measurement result to force the serving cell to be changed.

55. (Currently Amended) An apparatus, comprising:

~~communicating means for communicating~~ a transmitter configured to communicate with a first telecommunication network and a second telecommunication network; and

~~receiving means for receiving~~ a receiver configured to receive a cell identity information for a cell of the first telecommunication network using a cell identity information structure of the second telecommunication network,

wherein the first telecommunications network is a different network from the second telecommunications network.

56. (Currently Amended) The apparatus as claimed in claim 55, further comprising:

~~measuring means of measuring~~ a measurer configured to measure of a signal level of radio transmitters in the first telecommunication network and the second telecommunication network.

57. (Cancelled)

58. (Previously Presented) The apparatus as claimed in claim 55, wherein the second telecommunication network is global system for mobile communications (GSM) network.

59. (Previously Presented) The apparatus as claimed in claim 55, wherein the cell identity information of the second telecommunication network comprises at least one of frequency, base station identification, or location area.

60. (Currently Amended) The apparatus as claimed in claim 55, wherein ~~the~~ a mobile station of the first or second telecommunications networks ~~has transmitting means for transmitting~~ is configured to transmit ~~the~~ a signal level to at least one of the first telecommunication network and the second telecommunication network.

61. (Currently Amended) The apparatus as claimed in claim 55, wherein ~~the~~ a mobile station of the first or second telecommunications networks ~~has modifying comprises a modifier means for modifying~~ configured to modify a measurement result to force the network to change the serving cell.

62. (Currently Amended) The apparatus as claimed in claim 55, wherein the ~~receiving means for receiving~~ receiver is configured to receive a cell identity information

for a cell of the first telecommunication network ~~are configured for receiving and~~ the identity information from the second telecommunication network.

63. (Currently Amended) The apparatus as claimed in claim 56, wherein the ~~receiving means for receiving~~ receiver is configured to receive a cell identity information for a cell of the first telecommunication network ~~includes receiving and~~ the identity information as a part of neighbor information of the cell of the second network.

64. (Previously Presented) The apparatus of claim 31, wherein the first telecommunications network is a wireless local area network.

65. (Previously Presented) The apparatus of claim 31, wherein the first telecommunications network is a Bluetooth network.

66. (Previously Presented) The apparatus of claim 31, wherein the first telecommunications network is a wideband code division multiple access network.

67. (Previously Presented) The handover module of claim 42, wherein the first telecommunications network is a wireless local area network.

68. (Previously Presented) The apparatus of claim 42, wherein the first telecommunications network is a Bluetooth network.

69. (Previously Presented) The apparatus of claim 42, wherein the first telecommunications network is a wideband code division multiple access network.

70. (Previously Presented) The method of claim 49, wherein the first telecommunications network is a wireless local area network.

71. (Previously Presented) The method of claim 49, wherein the first telecommunications network is a Bluetooth network.

72. (Previously Presented) The method of claim 49, wherein the first telecommunications network is a wideband code division multiple access network.

73. (Previously Presented) The apparatus of claim 55, wherein the first telecommunications network is a wireless local area network.

74. (Previously Presented) The apparatus of claim 55, wherein the first telecommunications network is a Bluetooth network.

75. (Previously Presented) The apparatus of claim 55, wherein the first telecommunications network is a wideband code division multiple access network.

76. (New) An apparatus, comprising:

storing means for storing a cell identity information for a cell of a first telecommunication network using a cell identity information structure of a second telecommunication network; and

identifying means for identifying the cell of the first telecommunication network as a neighboring cell by the second telecommunication network using the cell identity information stored in the data store,

wherein the first telecommunications network is a different network from the second telecommunications network.

77. (New) An apparatus, comprising:

storing means for storing a cell identity information for a cell of a first telecommunication network using a cell identity information structure of a second telecommunication network; and

identifying means for identifying the cell of the first telecommunication network as a neighboring cell by the second telecommunication network using the cell identity information stored in the data store,

wherein the cell identity information of the second telecommunication network comprises at least one of frequency, base station identification, or location area, and the

first telecommunications network is a different network from the second telecommunications network.

78. (New) An apparatus, comprising:

receiving means for receiving cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of cells from both the first telecommunications network and second telecommunication networks use the structure of the second telecommunication network;

determining means for determining the need to change serving cells, and to initialize the process of changing a serving cell to another cell; and

handing over means for providing seamless mobility between the first telecommunications network and the second telecommunication network,

wherein the first telecommunications network is a different network from the second telecommunications network.

79. (New) An apparatus, comprising:

receiving means for receiving cell identities from cells of a first telecommunications network and a second telecommunication network, wherein cell identities of cells from both the first telecommunications network and second telecommunication networks use the structure of the second telecommunication network;

determining means for determining the need to change serving cells;

initializing means for initializing the process of changing a serving cell to another cell; and

handing over means for providing seamless mobility between the first telecommunications network and the second telecommunication network,

wherein the first telecommunications network is a different network from the second telecommunications network, and

wherein the cell identity information of the second telecommunication network comprises at least one of frequency, base station identification, or location area.

80. (New) An apparatus, comprising:

communicating means for communicating with a first telecommunication network and a second telecommunication network; and

receiving means for receiving a cell identity information for a cell of the first telecommunication network using a cell identity information structure of the second telecommunication network,

wherein the first telecommunications network is a different network from the second telecommunications network.

81. (New) A computer program embodied on a computer readable medium, said computer program configured to control a processor to perform:

transmitting a cell identity information to a mobile station, the cell identity information being stored in a first telecommunication network using a cell identity structure of a second telecommunication network; and

providing seamless mobility between the first telecommunication network and the second telecommunication network,

wherein the first telecommunications network is a different network from the second telecommunications network.